

DP-309513

5 CONTROLLER AREA NETWORK WAKE-UP SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

10 A controller area network employs a CAN bus for facilitating CAN
communications among a plurality of communication controllers switched to an active
state. The controller area network further employs a CAN wake-up controller for
switching one or more communication controllers to the active state in response to an
application of a non-interfering communication biasing signal to said CAN bus. Upon a
15 termination of the application of a non-interfering communication biasing signal to said
CAN bus, the CAN wake-up controller switches the communication controller(s) to an
inactive state for impeding CAN communications by communication controller(s) via the
CAN bus.